

Name: _____ Multiply/Dividing Equations HW

A. To solve each question, what would you do on each side?

1. $\frac{n}{20} = 15$ multiply 20 2. $25 = 5k$ divide by 5 3. $6n = 36$ _____

4. $\frac{x}{15} = 10$ _____ 5. $13 = \frac{m}{4}$ _____ 6. $120 = 12y$ _____

B. Solve each question. SHOW ALL WORK

~~$\frac{12}{1} \cdot \frac{y}{12} = \frac{2}{1} \cdot \frac{12}{1}$~~

$y = \frac{24}{1}$
 $y = 24$

check: $\frac{y}{12} = 2$
 $\frac{24}{12} = 2$
 $2 = 2 \checkmark$

$\frac{100}{5} = \frac{5n}{5}$

$20 = n$

$400 = 8a$

$14 = \frac{y}{7}$

$9x = 135$

$\frac{x}{18} = 0$

$\frac{m}{5} = 13$

$7y = 21$

For each of the problem below, write the equation represented on the balance. Then, show work and solve for the missing variable.



Divide these into 3 equal groups!

Equation: $3X = 9$
 Solve: $X = 3$



Equation: _____
 Solve: _____



Equation: _____
 Solve: _____